



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/041,702	01/04/2002	Valeria Molnar	915-416	5458

7590 02/28/2007
Francis J. Maguire
Ware, Fressola, Van Der Sluys & Adolphson LLP
755 Main Street
P.O. Box 224
Monroe, CT 06468

EXAMINER

IQBAL, KHAWAR

ART UNIT PAPER NUMBER

2617

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/28/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/041,702	MOLNAR ET AL.	
	Examiner	Art Unit	
	Khawar Iqbal	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 and 11-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 and 11-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s).

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-9,11-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Krishnamurthi et al (20010023186).

3. Regarding claims 1,7 and 15 Krishnamurthi et al teaches a method for restricting a message service in a communication network (100), comprising (figs. 1-3):

keeping a record containing information about certain addresses with which a message communication is not allowed in a switching center (102) of the communication network (at MSC 102, message processor 202 determines whether the call setup or reactivation with SU1 112 should proceed based on information stored in memory 200. Based on the Subscribed Services Record for SU1 112, message processor 202 will determine whether SU1 112 is authorized to use the service option that BS1 108 is asking for)(para. # 000036, 0040-41);

deciding in the switching center whether a message communication with a certain address is allowed or not, and writing information of unallowed addresses in said

Art Unit: 2617

record, thus determining contents of said record ("Service Request message" to the mobile switching center (102), requesting initiation of the call. The mobile switching center will authorize the call if the call to be set up is directed to a subscriber unit located within the service area of the base station and if the service option to be used is authorized for the particular subscriber unit. The mobile switching center will allow or disallow the call depending on the state of the subscriber unit. (para. # 0018-0020, 0036, 0040-41);

receiving a request for establishing a message communication (para. # 0036, 0040-41); analyzing on the basis of the information in the record whether a message communication is allowed (para. # 0036, 0040-41); and

preventing the transmission of a message if said message is related to an unallowed address according to the analyzing step, wherein each of said decision step and said preventing step is done in said communication network, and said record (para. # 0036, 0040-41), wherein each of said decision step and said preventing step is done in a switching center of said communication network, and said record is kept in said switching center (para. # 0036, 0040-41).

Regarding claim 2 Krishnamurthi et al teaches wherein one of said sender and said receiver is a message service center (para. # 0036, 0040-41).

Regarding claim 3 Krishnamurthi et al teaches wherein said switching center is a visited switching center, to which a terminal of a subscriber being involved in said message communication is related at a time when said message is to be transmitted (para. # 0036, 0040-41).

Regarding claim 4 Krishnamurthi et al teaches wherein said switching center is an interworking switching center (para. # 0036, 0040-41).

Regarding claim 5 Krishnamurthi et al teaches wherein said contents of said record are subscriber specific (para. # 0036, 0040-41).

Regarding claim 6 Krishnamurthi et al teaches wherein said record is common to a group of subscribers (para. # 0036, 0040-41).

Regarding claims 8,16 Krishnamurthi et al teaches wherein one of said sender and said receiver is a message service center (para. # 0036, 0040-41).

Regarding claims 9,17 Krishnamurthi et al teaches wherein said switching center is a visited switching center, to which a terminal of a subscriber being involved in said message communication is related at a time when said message is to be transmitted (para. # 0036, 0040-41).

Regarding claim 11 Krishnamurthi et al teaches a network element capable of restricting a message service between at least one sender and one recipient, wherein each has an address said apparatus comprising:

a record in which information about unallowed addresses is written (para. # 0036, 0040-41);

an analyzing means for analyzing with the help of said record whether an address is unallowed (para. # 0036, 0040-41);

means, operable to prevent transmission of a message if said message is related to an address which is unallowed according to the analysis of the analyzing means (para. # 0036, 0040-41); and

means for deciding on permission for an address in a message communication (para. # 0036, 0040-41), wherein

said record, said means for analyzing, said means for preventing and said means for deciding are located in said apparatus comprising a switching center (para. # 0036, 0040-41, also see claim 1).

Regarding claim 12 Krishnamurthi et al teaches wherein one of said sender and said receiver is a message service center (para. # 0036, 0040-41).

Regarding claim 13 Krishnamurthi et al teaches wherein said switching center is a visited switching center, to which a terminal of a subscriber being involved in said message communication is related at a time when said message is to be transmitted (para. # 0036, 0040-41).

Regarding claim 14 Krishnamurthi et al teaches wherein said switching center is an interworking switching center (para. # 0036, 0040-41).

Response to Arguments

4. Applicant's arguments filed 01-30-07 have been fully considered but they are not persuasive. Examiner has thoroughly reviewed applicant's arguments but firmly believes the cited reference to reasonably and properly meets the claimed limitations. Applicant's argument was that "deciding in the switching center whether a message communication with a certain address is allowed or not, and writing information of unallowed addresses in said record, thus determining contents of said record". In

Art Unit: 2617

response, examiner would like to point out that Krishnamurthi et al teaches a "Service Request" to the mobile switching center, the mobile switching center (102) analyzes the Service Request and allows it, or not (see para # 0018, fig, 3). Upon analysis and decision, the mobile switching center sends a "Service Response" to the base station with the result of its analysis and an indication whether or not the call is allowed (see para. # 0041 and FIG. 3). Krishnamurthi et al states at MSC 102, message processor 202 determines whether the call setup or reactivation with SU1 112 should proceed based on information stored in memory 200. Based on the Subscribed Services Record for SU1 112, message processor 202 will determine whether SU1 112 is authorized to use the service option that BS1 108 is asking for. "Service Request message" to the mobile switching center (102), requesting initiation of the call. The mobile switching center will authorize the call if the call to be set up is directed to a subscriber unit located within the service area of the base station and if the service option to be used is authorized for the particular subscriber unit. The mobile switching center will allow or disallow the call depending on the state of the subscriber unit. (para. # 0018-0020, 0036, 0040-41).

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Khawar Iqbal whose telephone number is (571) 272-7909.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Art Unit: 2617

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

Khawar Iqbal


GEORGE ENG
SUPERVISORY PATENT EXAMINER